

Xiaobo Xi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sealing performance of tempered vacuum glazing with silver oxide system low melting solder. <i>Materials Chemistry and Physics</i> , 2022, 275, 125202.	2.0	9
2	Sensor Fault Diagnosis and Fault Tolerant Control of Quadrotor UAV Based on Genetic Algorithm. <i>Journal of Sensors</i> , 2022, 2022, 1-8.	0.6	9
3	Simulation and Experiment of Spiral Soil Separation Mechanism of Compound Planter Based on Discrete Element Method (DEM). <i>Agriculture (Switzerland)</i> , 2022, 12, 511.	1.4	10
4	Quantitative Monitoring of Leaf Area Index in Rice Based on Hyperspectral Feature Bands and Ridge Regression Algorithm. <i>Remote Sensing</i> , 2022, 14, 2777.	1.8	12
5	Artificial Macropores with Sandy Fillings Enhance Desalinization and Increase Plant Biomass in Two Contrasting Salt-Affected Soils. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3037.	1.3	2
6	Fault-Tolerant Active Disturbance Rejection Control of Plant Protection of Unmanned Aerial Vehicles Based on a Spatio-Temporal RBF Neural Network. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4084.	1.3	12
7	Damage Evaluation in Tempered Vacuum Glazing via Multivariate Statistical Methods. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4799.	1.3	2
8	Mechanical properties of tempered vacuum glazing with continuous vacant support pillars. <i>Vacuum</i> , 2021, 188, 110165.	1.6	7
9	Design and Experiment of Row-Controlled Fertilizing"Weeding Machine for Rice Cultivation. <i>Agriculture (Switzerland)</i> , 2021, 11, 527.	1.4	5
10	Cattle Manure Application and Combined Straw Mulching Enhance Maize (<i>Zea mays</i> L.) Growth and Water Use for Rain-Fed Cropping System of Coastal Saline Soils. <i>Agriculture (Switzerland)</i> , 2021, 11, 745.	1.4	4
11	Prediction and Analysis of the Thermal Performance of Composite Vacuum Glazing. <i>Energies</i> , 2021, 14, 5769.	1.6	5
12	Optimisation of no-tube seeding and its application in rice planting. <i>Biosystems Engineering</i> , 2021, 210, 115-128.	1.9	10
13	The Analysis of the Applications of Crop Seed Tape Sowing Technology and Equipment: A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11228.	1.3	1
14	Multiple Leveling for Paddy Field Preparation with Double Axis Rotary Tillage Accelerates Rice Growth and Economic Benefits. <i>Agriculture (Switzerland)</i> , 2021, 11, 1223.	1.4	7
15	Design and experiment of no-tube seeder for wheat sowing. <i>Soil and Tillage Research</i> , 2020, 204, 104724.	2.6	7
16	Design and Experimental Study on Motor Type Automatic Driving System of Agricultural Machinery Based on Beidou Navigation. , 2019, , .		0
17	Effect of phosphorus content on suspension of Ni-P coated diamond (NPCD) and wear resistance of electrodeposited Ni-Co-Mn/NPCD composite coatings. <i>Diamond and Related Materials</i> , 2017, 74, 164-172.	1.8	5
18	Effect of phosphorus content on the properties of Ni-P coated diamond. <i>Surface and Coatings Technology</i> , 2016, 297, 27-33.	2.2	17